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Lung Surfactant

National Cancer Institute

Source

National Cancer Institute. *Lung Surfactant*. NCI Thesaurus. Code C13273.

Pulmonary surfactant lines the lung epithelium and lowers surface tension to prevent collapse at end-expiration. Deficiency of pulmonary surfactant results in respiratory distress syndrome (RDS) in premature infants. Lung surfactant is synthesized in alveolar type II cells, stored in lamellar bodies and secreted via exocytosis.